

Electronic Filing System (EFS) Data  
Electronic Patent Application Submission  
USPTO Use Only

EFS ID: 16715  
Application ID: 10064570  
Title of Invention: Symmetric Spherical QAM Constellation  
First Named Inventor: Israel Morejon  
Domestic/Foreign Application: Domestic Application  
Filing Date: null  
Effective Receipt Date: 2002-07-26  
Submission Type: Utility Patent Filing  
Filing Type: null  
Confirmation Number: 0  
Attorney Docket Number: 1413.02  
Digital Certificate Holder: cn=Anton John Hopen, ou=Registered Attorneys, ou=Patent and Trademark Office, ou=Department of Commerce, o=U.S. Government, c=US  
Certificate Message Digest: VCvG0mXmaHhkY9KHUqgPRw==  
Total Fees Authorized: \$370.0  
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Postal Code: 33760

## TRANSMITTAL FORM



Electronic Version 1.0.3

Stylesheet Version: 1.0

Attorney Docket  
Number:

1413.02

Submission Type: Utility Patent  
Filing**Symmetric Spherical QAM Constellation**

First Named Inventor: Israel Morejon

## SUBMITTED BY

Name: Anton J. Hopen

Registration Number: 41849

Electronic Signature Mark: /anton j  
hopen/

Date Signed: 20020726

*I certify that the use of this system is for OFFICIAL correspondence between patent applicants or their representatives and the USPTO. Fraudulent or other use besides the filing of official correspondence by authorized parties is strictly prohibited, and subject to a fine and/or imprisonment under applicable law.*

*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

## Attached Files:

|                  |                |
|------------------|----------------|
| declaration      | Dec01.TIF      |
| declaration      | Dec02.TIF      |
| declaration      | Dec03.TIF      |
| bibd-transmittal | 141302apds.xml |
| fee-transmittal  | 141302fee.xml  |

100

spec.xml

Dec01.TIF

Dec02.TIF

Dec03.TIF

Comments:

Practitioner's Docket No. 1413.02

**PATENT**

**COMBINED DECLARATION AND POWER OF ATTORNEY**

(ORIGINAL, DESIGN, NATIONAL STAGE OF PCT, SUPPLEMENTAL, DIVISIONAL,  
CONTINUATION, OR C-I-P)

As a below named joint inventor, I hereby declare that:

**TYPE OF DECLARATION**

This declaration is for an original application.

**INVENTORSHIP IDENTIFICATION**

My residence, post office address and citizenship are as stated below, next to my name. I believe that I am a first joint inventor of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

**TITLE OF INVENTION**

Symmetric Spherical QAM Constellation

**SPECIFICATION IDENTIFICATION**

The specification is attached hereto.

**ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR**

I hereby state that I have reviewed and understand the contents of the above-identified specification including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37 Code of Federal Regulations, § 1.56.

**POWER OF ATTORNEY**

I hereby appoint the following practitioner(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Anton J. Hopen  
Ronald E. Smith

Registration Number 41,849  
Registration Number 28,761

I hereby appoint the practitioner(s) associated with the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith.

**SEND CORRESPONDENCE TO**

Smith & Hopen, P.A.  
15950 Bay Vista Drive, Ste. 220  
Clearwater, FL 33760  
Customer No. 21,901

**DIRECT TELEPHONE CALLS TO:**

Anton J. Hopen  
(727) 507-8558

**DECLARATION**

I hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**SIGNATURE(S)**

**Inventor's signature**

  
Israel Morejon

**Date**

 July 26<sup>th</sup>, 2002

**Country of Citizenship**

USA

**Residence**

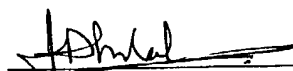
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## SIGNATURE(S)

Inventor's signature

  
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Date

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Small Entity

Independent Inventor

**TOTAL FEES AUTHORIZED: \$ 370**

## BANK (CREDIT) CARD INFORMATION:

Credit Card Number: 3008  
 Expiration Date: 20040531  
 Authorized Name: Anton J. Hopen  
 Billing Address: 33760

## BASIC FILING FEE

| Fee Description    | Fee Code | Fee Paid |
|--------------------|----------|----------|
| Utility Filing Fee | 201      | \$ 370   |

Subtotal For Basic Filing Fee: \$ 370

## EXTRA CLAIM FEES

|                       | Fee Code | Fee   | Extra Claims | Fee Paid |
|-----------------------|----------|-------|--------------|----------|
| Total Claims: 9       | 203      | \$ 9  | 0            | \$ 0     |
| Independent Claims: 2 | 202      | \$ 42 | 0            | \$ 0     |

Subtotal For Extra Claims Fees: \$ 0